

Sept. 25, 1928.

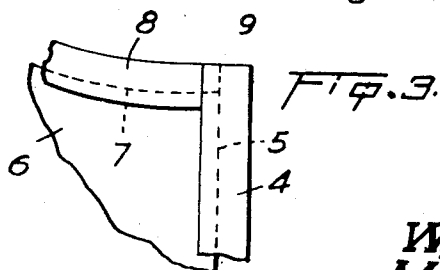
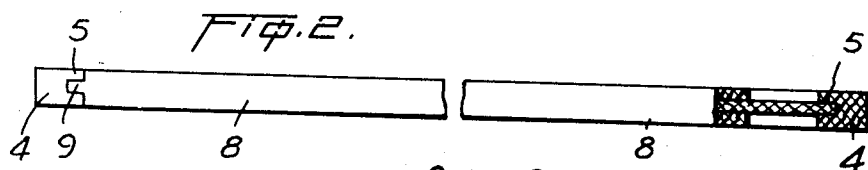
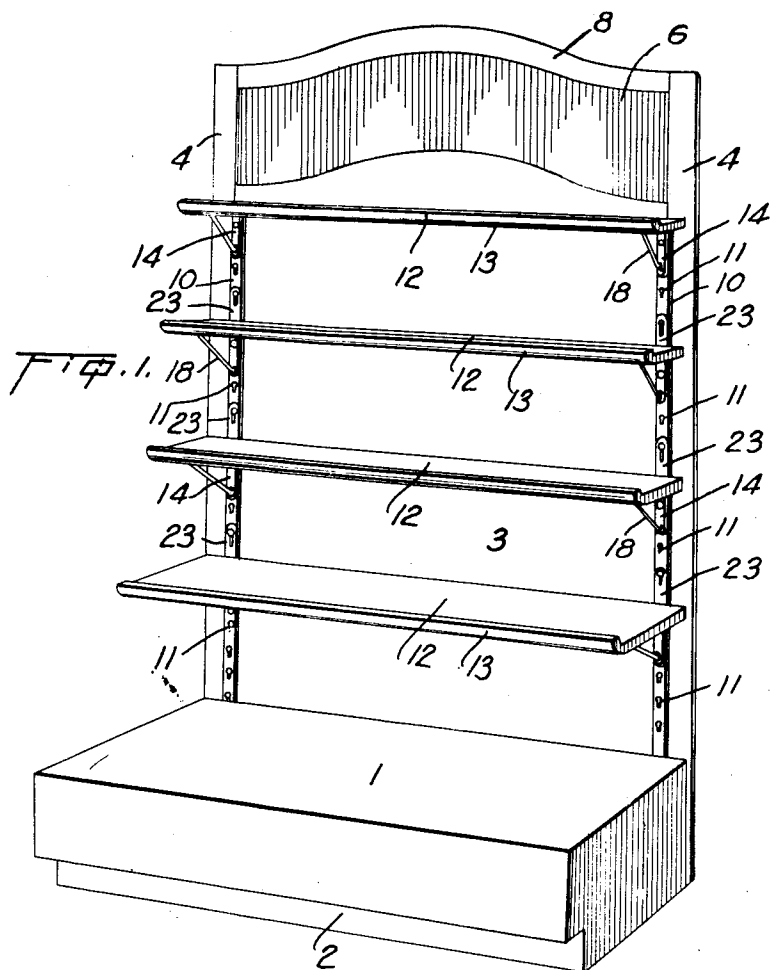
W. E. PLATT ET AL

1,685,336

DISPLAY DEVICE

Filed Oct. 8, 1925

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

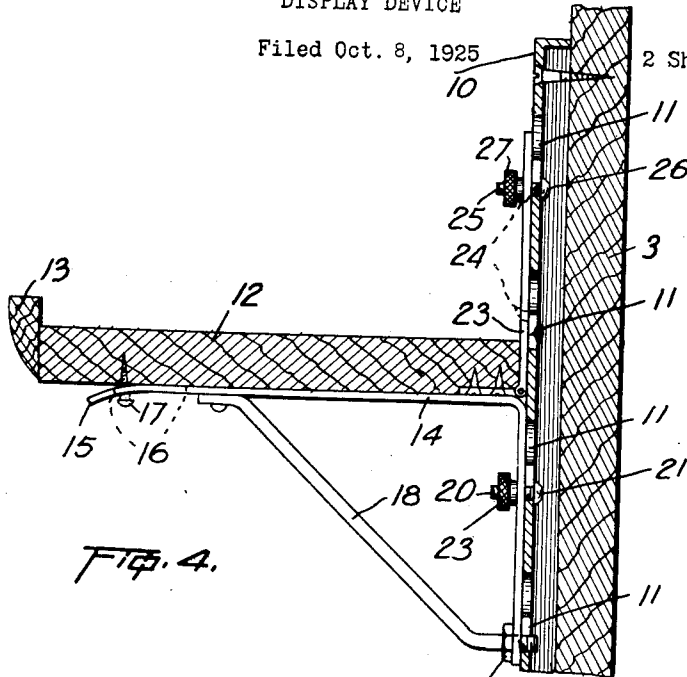


FIG. 4.

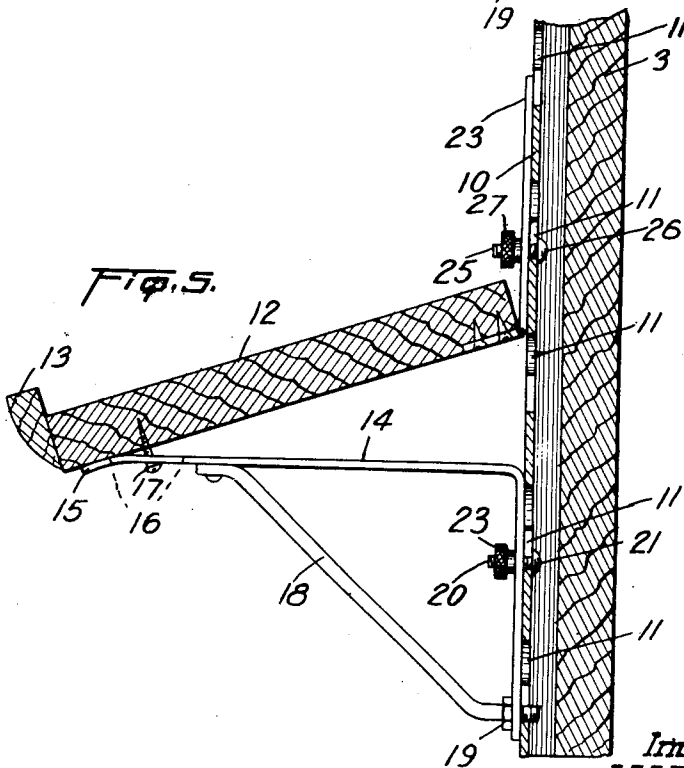


FIG. 5.

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Patented Sept. 25, 1928.

1,685,336

UNITED STATES PATENT OFFICE.

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DISPLAY DEVICE.

Application filed October 8, 1925, Serial No. 61,321, and in Canada May 27, 1925.

Our invention relates to improvements in display devices and the object of the invention is to construct a device in which goods placed thereon are all visible to the prospective customer and can be handled by him.

5 A further object is to construct a device with a series of superimposed adjustable shelves of variable depth in order that the upper shelves will not obstruct the view of the
10 goods on the lower shelves.

A still further object is to devise means whereby the shelves can be tilted transversely in order that the back will be higher than the front.

15 Another object is to devise means for placing an advertising card or a card setting forth the nature of the goods on the upper portion of the device, said card being removable therefrom.

20 Our invention consists of a device constructed and arranged all as hereinafter more particularly described and illustrated in the accompanying drawing in which:

Fig. 1 represents a perspective view of our
25 device.

Fig. 2 is a plan view of the back of the device broken away intermediately and showing the right hand side in section.

30 Fig. 3 is an enlarged elevational detail of the right hand upper corner of the back.

Fig. 4 is an enlarged vertical cross section through the back showing the means for adjustably supporting the shelves, the shelf in this instance being shown in a substantially
35 horizontal position.

Fig. 5 is a similar view to Figure 4, showing the shelf tilted so that the back is higher than the front.

40 Like characters of reference indicate corresponding parts in the different views.

1 is the base of the display case having its front provided with a longitudinal recess 2 so as to obviate a person looking at the case from marking the base with his feet. 3 is the back of the case suitably secured to the base, said back including the vertical side members 4 having on their inner faces the grooves 5, the upper portions of such grooves receiving the panel card 6 which is adapted to have
50 printed thereon any suitable advertising matter such as a description of the goods on the respective shelves of the case. The upper edge of the card 6 is adapted to fit into a groove 7 in the transverse rail 8 which is provided with tongues 9 at its ends inserted into

the grooves 5 in the side rails. 10 are vertical rails secured to the front face of the back 3 and each provided with a plurality of spaced apart keyhole slots 11.

12 are shelves of varying depths, the upper
60 shelf being narrower than the shelf next below it, and so on down to the bottom shelf which is the widest.

13 is a bead on the forward edge of each shelf adapted to extend above the upper sur-
65 face for preventing goods slipping forwardly thereof.

14 are supporting brackets for the shelves, the horizontal portion of said brackets being downwardly curved at their free ends 15 and
70 provided with the longitudinal slots 16 through which extends the screw 17 which is screwed into the shelf 12. 18 is a diagonally extending brace secured at its upper end to the horizontal portion of the bracket 14 and
75 its lower end threaded through the vertical portion of such bracket, a locknut 19 being provided on the threaded portion. The extremity of the threaded portion extends into one of the keyhole slots 11.

20 is a bolt with an enlarged head 21 and a nut 22, said bolt being adapted to extend through a vertical portion of the brackets 14 intermediately of the height of the same and the head 21 inserted into the keyhole slot and
85 the bolt slid down thereinto whereby such bolt holds the bracket in place when the nut 22 is tightened up. The lower extremity of the brace 18, which, as above described, is inserted into a keyhole slot 11 prevents the
90 bracket from twisting.

23 is a subsidiary hinged bracket, the vertical portion of which is provided with a longitudinal slot 24 adapted to receive a bolt 25 with an enlarged head 26 and a nut 27, said
95 bolt being adapted to be inserted into a keyhole slot 11 and pushed down thereinto whereby the bolt upon the nut 27 being tightened up holds the bracket in place, said bracket being hinged to the shelf 12 as is clearly illustrated in Figures 4 and 5 of the drawing.

From the above description it will be noted that our shelves can be adjusted vertically as desired by merely inserting the bolts 20 and 25 into the required keyhole slots 11. 105 Where it is desired that the shelf shall lie horizontally the bracket 23 is in the position illustrated in Figure 4 and the bolt 25 in the required keyhole slot 11, but where it is desired to tilt the shelf it is only necessary to 110

loosen the nut 25 and pull up the brackets 23 into the position illustrated in Figure 5 and then tighten the nuts 27 again. If a further inclination is required for the shelves 12 the bolts 25 can be removed from the particular keyhole slots 11 and placed in the keyhole slots next above.

The slots 16 are provided in the horizontal portion of the brackets 14 so that the screws 17 can slide therein when it is desired to incline the shelves 12 into the position illustrated in Figure 5.

From the above description it will be apparent that we have devised a simple and effective display device that will enable the goods thereon to be viewed and handled by the prospective customer, and, moreover, have devised shelves that can be readily adjusted to the required position, depending upon the goods that are used in conjunction therewith, also providing means whereby the shelves can be suitably tilted to more clearly expose to view certain classes of goods.

We have, in addition, devised a display device in which the weight of the goods on the base 1 will prevent the whole case overturning, due to the weight of the goods on the shelves attached to the back.

What we claim as our invention is:

1. In a display device, the combination with a back and a shelf, of a shelf supporting bracket detachably and vertically adjustably secured to the back, said shelf being slidably secured to the bracket in the vicinity of its forward edge, and a subsidiary bracket hinged to the back of the shelf and adjustably and detachably secured to the back.

2. In a display device, in combination a back portion, a shelf supporting bracket secured to the back portion, a shelf slidably secured in the vicinity of its forward edge to the bracket, and means for raising the back edge of the shelf and securing it to the back portion at a point above where the bracket is secured to such back portion.

3. In a display device, in combination a back portion, a shelf supporting bracket detachably, and vertically adjustably secured to the back portion, a shelf slidably secured in the vicinity of its forward edge to the bracket, and adjustable securing means for raising the back edge of the shelf and securing it to the back portion at a point above where the bracket is secured to such back portion.

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